

#10



1600

RAW SEQUENCE LISTING

DATE: 09/03/2004

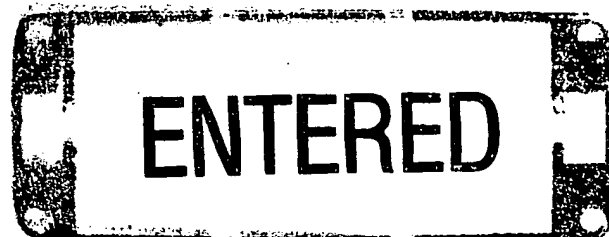
PATENT APPLICATION: US/09/736,250

TIME: 15:01:48

Input Set : D:\US Utility 50212-278 Sequence Listing.txt

Output Set: N:\CRF4\09032004\I736250.raw

3 <110> APPLICANT: SUMITOMO ELECTRIC INDUSTRIES, LTD.
 4 NAKAMURA, Takeshi
 6 <120> TITLE OF INVENTION: HUMAN CYCLIN I AND GENES ENCODING THE SAME
 8 <130> FILE REFERENCE: 050212-0278
 10 <140> CURRENT APPLICATION NUMBER: 09/736,250
 11 <141> CURRENT FILING DATE: 2000-12-15
 13 <150> PRIOR APPLICATION NUMBER: 09/054,492
 14 <151> PRIOR FILING DATE: 1998-04-03
 16 <150> PRIOR APPLICATION NUMBER: PCT/JP96/02905
 17 <151> PRIOR FILING DATE: 1996-10-07
 19 <150> PRIOR APPLICATION NUMBER: 284663/1995
 20 <151> PRIOR FILING DATE: 1995-10-05
 22 <160> NUMBER OF SEQ ID NOS: 5
 24 <170> SOFTWARE: PatentIn version 3.3
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 377
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Homo sapiens
 31 <400> SEQUENCE: 1
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 34 1 5 10 15
 37 Glu Lys Ala Ile Thr Arg Glu Ala Gln Met Trp Lys Val Asn Val Arg
 38 20 25 30
 41 Lys Met Pro Ser Asn Gln Asn Val Ser Pro Ser Gln Arg Asp Glu Val
 42 35 40 45
 45 Ile Gln Trp Leu Ala Lys Leu Lys Tyr Gln Phe Asn Leu Tyr Pro Glu
 46 50 55 60
 49 Thr Phe Ala Leu Ala Ser Ser Leu Leu Asp Arg Phe Leu Ala Thr Val
 50 65 70 75 80
 53 Lys Ala His Pro Lys Tyr Leu Ser Cys Ile Ala Ile Ser Cys Phe Phe
 54 85 90 95
 57 Leu Ala Ala Lys Thr Val Glu Glu Asp Glu Arg Ile Pro Val Leu Lys
 58 100 105 110
 61 Val Leu Ala Arg Asp Ser Phe Cys Gly Cys Ser Ser Ser Glu Ile Leu
 62 115 120 125
 65 Arg Met Glu Arg Ile Ile Leu Asp Lys Leu Asn Trp Asp Leu His Thr
 66 130 135 140
 69 Ala Thr Pro Leu Asp Phe Leu His Ile Phe His Ala Ile Ala Val Ser
 70 145 150 155 160
 73 Thr Arg Pro Gln Leu Leu Phe Ser Leu Pro Lys Leu Ser Pro Ser Gln
 74 165 170 175
 77 His Leu Ala Val Leu Thr Lys Gln Leu Leu His Cys Met Ala Cys Asn
 78 180 185 190



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81 Gln Leu Leu Gln Phe Arg Gly Ser Met Leu Ala Leu Ala Met Val Ser
82      195      200      205
85 Leu Glu Met Glu Lys Leu Ile Pro Asp Trp Leu Ser Leu Thr Ile Glu
86      210      215      220
89 Leu Leu Gln Lys Ala Gln Met Asp Ser Ser Gln Leu Ile His Cys Arg
90 225      230      235      240
93 Glu Leu Val Ala His His Leu Ser Thr Leu Gln Ser Ser Leu Pro Leu
94      245      250      255
97 Asn Ser Val Tyr Val Tyr Arg Pro Leu Lys His Thr Leu Val Thr Cys
98      260      265      270
101 Asp Lys Gly Val Phe Arg Leu His Pro Ser Ser Val Pro Gly Pro Asp
102      275      280      285
105 Phe Ser Lys Asp Asn Ser Lys Pro Glu Val Pro Val Arg Gly Thr Ala
106      290      295      300
109 Ala Phe Tyr His His Leu Pro Ala Ala Ser Gly Cys Lys Gln Thr Ser
110 305      310      315      320
113 Thr Lys Arg Lys Val Glu Glu Met Glu Val Asp Asp Phe Tyr Asp Gly
114      325      330      335
117 Ile Lys Arg Leu Tyr Asn Glu Asp Asn Val Ser Glu Asn Val Gly Ser
118      340      345      350
121 Val Cys Gly Thr Asp Leu Ser Arg Gln Glu Gly His Ala Ser Pro Cys
122      355      360      365
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126      370      375
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130 <211> LENGTH: 1134
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
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139 tctccatccc agagagatga agtaattcaa tggctggcca aactcaagta ccaattcaac      180
141 ctttaccagc aaacatttgc tctggctagc agtcttttgg ataggttttt agctaccgta      240
143 aaggctcatc caaaataactt gagttgtatt gcaatcagct gttttttcct agctgccaag      300
145 actgttgagg aagatgagag aattccagta ctaaagggtat tggcaagaga cagtttctgt      360
147 ggatgttcct catctgaaat tttgagaatg gagagaatta ttctggataa gttgaattgg      420
149 gatcttcaca cagccacacc attggatttt ctccatattt tccatgccat tgcagtgtca      480
151 actaggcctc agttactttt cagtttgccc aaattgagcc catctcaaca tttggcagtc      540
153 cttaccaagc aactacttca ctgtatggcc tgcaaccaac ttctgcaatt cagaggatcc      600
155 atgcttgctc tggccatggt tagtctggaa atggagaaac tcattcctga ttggctttct      660
157 cttacaattg aactgcttca gaaagcacag atggatagct cccagttgat ccattgtcgg      720
159 gagcttggtg cacatcacct ttctactctg cagtcttccc tgcctctgaa ttccgtttat      780
161 gtctaccgtc ccctcaagca caccctggtg acctgtgaca aaggagtgtt cagattacat      840
163 ccctcctctg tcccaggccc agacttctcc aaggacaaca gcaagccaga agtgccagtc      900
165 agaggtacag cagcctttta ccatcatctc ccagctgcca gtgggtgcaa gcagacctct      960
167 actaaacgca aagtagagga aatggaagtg gatgacttct atgatggaat caaacggctc     1020
169 tataatgaag ataatgtctc agaaaatgtg ggttctgtgt gtggcactga tttatcaaga     1080
171 caagagggac atgcttcccc ttgtccacct ttgcagcctg tttctgtcat gtag          1134
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175 <211> LENGTH: 33
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Chemically synthesized
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187 <211> LENGTH: 31
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Chemically synthesized
194 <400> SEQUENCE: 4
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198 <210> SEQ ID NO: 5
199 <211> LENGTH: 14
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Chemically synthesized
206 <400> SEQUENCE: 5
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209 1 5 10

VERIFICATION SUMMARY

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